

IN THE CLAIMS:

Please cancel claims 2, 3, 6-8, 18 and 22 without prejudice. Please amend claims 1, 4, 9, 11-17 and 19 and add new claims 24-27 as shown below in the listing of all claims.

1. (Currently Amended) A medical device for implantation in a body comprising:
a structure; and
a set of first coated pellets, each of said first coated pellets containing at least one first therapeutic composition, the set of first coated pellets deposited on the structure at a first site for controlled delivery of the at least one first therapeutic composition to a desired location within the body, wherein the structure includes a first site with therapeutic composition deposited thereon and a second site with therapeutic composition deposited thereon; and
a set of second coated pellets, each of said second coated pellets containing at least one second therapeutic composition, the set of second coated pellets deposited on the structure at a second site for controlled delivery of the at least one second therapeutic composition to a desired location within the body;
wherein each of said first coated pellets the therapeutic composition at the first site is covered with a first protective layer coating and each of said second coated pellets the therapeutic composition at the second site is covered with a second protective layer coating; and
wherein the first protective layer coating is thinner than the second coating and has a faster in vivo decomposition rate relative to the second protective layer coating to release the first therapeutic composition from the first site faster than the second therapeutic composition from the second site; and
wherein each of said first coated pellets contains a substance in addition to the first therapeutic composition such that each of the first coated pellets is substantially the same size as each of said second coated pellets.
2. Canceled.
3. Canceled.
4. (Currently Amended) The medical device of claim 2 ~~1~~, further comprising an adhesive interposed between the first coated pellets and the structure.

5. (Original) The medical device of claim 4, wherein the adhesive layer is one of a polymer, a wax layer, a biodegradable layer or a combination thereof.
6. Canceled.
7. Canceled.
8. Canceled.
9. (Currently Amended) The medical device of claim 1, wherein ~~the protective layer~~ one of the first coating or the second coating is one of a polymer, a biodegradable material or a combination thereof.
10. (Original) The medical device of claim 1, wherein the medical device is a stent.
11. (Currently Amended) The medical device of claim 1, wherein ~~the first protective layer~~ one of the first coating or the second coating further comprises a plurality of sublayers.
12. (Currently Amended) A medical device for implantation in a body comprising:
a bio-compatible structure; ~~and~~
a plurality of first coated pellets, wherein each of said first coated pellets comprises ~~an~~ a
first active substance encapsulated by a protective layer first coating; and
a plurality of second coated pellets, wherein each of said second coated pellets comprises
a second active substance encapsulated by a second coating thicker than the first coating;
wherein each of said first coated pellets contains a substance in addition to the first active
substance and each of said first coated pellets is substantially the same size as each of said
second coated pellets.
13. (Currently Amended) The medical device of claim 12, ~~wherein the plurality of coated pellets comprise at least a first set of pellets and a second set of pellets,~~ wherein the first set of coated pellets ~~has~~ have a faster decomposition rate than the second ~~set of~~ coated pellets.

14. (Currently Amended) The medical device of claim 12, further comprising a bio-compatible adhesive interposed between the plurality of first and second coated pellets and the structure.
15. (Currently Amended) The medical device of claim 13, wherein the ~~protective layer~~ second coating on the second ~~set of~~ coated pellets is thicker than the ~~protective layer~~ first coating on the ~~second set of~~ first coated pellets.
16. (Currently Amended) The medical device of claim 13, wherein the ~~protective layer~~ first coating on the first ~~set of~~ coated pellets has a different composition than the ~~protective layer~~ second coating on the second ~~set of~~ coated pellets.
17. (Currently Amended) A method for providing a controlled-release of a therapeutic agent from a medical device comprising:
 providing a bio-compatible structure;
 depositing a set of first pellets comprising a therapeutic composition and a protective layer on the structure at a first location; and
 depositing a set of second pellets comprising a therapeutic composition and a protective layer on the structure at a second location;
 wherein the therapeutic composition and protective layer at the first location and the second location are selected so that the therapeutic composition from the first location is released faster than the therapeutic composition from the second location;
 wherein the protective layer at the first location has a different thickness than the protective layer at the second location; and
 wherein said first pellets contain a substance in addition to the therapeutic composition and each of said first and second pellets is substantially the same size.
18. Canceled.
19. (Currently Amended) The method of claim 17, further comprising the step of depositing an adhesive layer on the structure prior to the steps of depositing the ~~therapeutic compositions and protective layers~~ coated pellets.
20. (Original) The method of claim 19, further comprising the step of curing the adhesive.

21. (Original) The method of claim 19, further comprising reacting the adhesive layer with therapeutic composition in situ to form a mixture.
22. Canceled.
23. (Original) The method of claim 17, wherein the protective layer at the first location has a different composition than the protective layer at the second location.
24. (New) The medical device of claim 1, wherein the first therapeutic composition is the same as the second therapeutic composition.
25. (New) The medical device of claim 1, wherein the first therapeutic composition is different from the second therapeutic composition.
26. (New) The medical device of claim 12, wherein the first active substance is the same as the second active substance.
27. (New) The medical device of claim 12, wherein the first active substance is different from the second active substance.